BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

MEASUREMENT SHEET

First and Part Bill

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
		Item No. 1 Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications and site engineer in incharge									
			Cum								
		Vide Total executed Quantity from premeasurement Page no. 01						**85.76**			
		Schedule B Quantity						**85.76**			
		Now To be Paid Qty						**85.76**	**322.49**	**27657.06**	
		Item No. 2 Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications and site engineer in incharge									
			Cum								
		Vide Total executed Quantity from premeasurement Page no. 02						**3.38**			
		Schedule B Quantity						**3.38**			
		Now To be Paid Qty						**3.38**	**2623.32**	**8866.82**	
		Item No. 3 Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications and site engineer in incharge									
			Cum								
		Vide Total executed Quantity from premeasurement Page no. 03						**12.53**			
		Schedule B Quantity						**12.53**			
		Now To be Paid Qty						**12.53**	**5510.16**	**69060.90**	

Assistant Executive Engineer,
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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No. 4		Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and site engineer in incharge									
			Cum								
		Vide Total executed Quantity from premeasurement Page no. 04						**7.99**			
		Schedule B Quantity						**7.99**			
		Now To be Paid Qty						**7.99**	**5855.76**	**46767.17**	
Item No. 5		Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials. labour, curing complete as per specifications and site engineer in incharge									
			Cum								
		Vide Total executed Quantity from premeasurement Page no. 05						**17.55**			
		Schedule B Quantity						**17.55**			
		Now To be Paid Qty						**17.55**	**4963.68**	**87112.96**	
Item No. 6		Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications and site engineer in incharge									
			Cum								
		Vide Total executed Quantity from premeasurement Page no. 06						**43.27**			
		Schedule B Quantity						**43.27**			
		Now To be Paid Qty						**43.27**	**217.08**	**9392.52**	
Item No. 7		Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge									
			Cum								
		Vide Total executed Quantity from premeasurement Page no. 07						**42.49**			
		Schedule B Quantity						**42.49**			
		Now To be Paid Qty						**42.49**	**67.09**	**2850.87**	

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NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

MEASUREMENT SHEET

First and Part Bill

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
		KSRB 5.4-4 : Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:4 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications. KBS 5.1.13 Pg No 25 item No 5.13									
Item No. 8											
Measurements taken on		04-03-2022									
		Above GL									
		Long wall	Cum	1	18.9	0.5	0.95	8.98			
		Short wall	Cum	1	0.7	0.5	0.95	0.33			
							Total Executed Quantity	**9.31**			
							Schedule B Quantity	**9.31**			
							Now To be Paid Qty	**9.31**	**6485.40**	**60379.07**	
Item No. 9		KSRB 15.1.3 – do – Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.									
Measurements taken on		05-03-2022									
		Pointing									
		Long wall	Sqm	2	18.9		0.95	35.91			
		Short wall	Sqm	2	0.7		0.95	1.33			
							Total Executed Quantity	**37.24**			
							Schedule B Quantity	**37.24**			
							Now To be Paid Qty	**37.24**	**153.36**	**5711.13**	
Item No. 10		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaiton and site engineer in incharge									
			Sqm								
		Vide Total executed Quantity from premeasurement Page no.						**70.61**			
							Schedule B Quantity	**70.61**			
							Now To be Paid Qty	**70.61**	**278.64**	**19674.21**	

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MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No. 11		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons and site engineer in incharge									
			Sqm								
		Vide Total executed Quantity from premeasurement Page no. 09						**31.10**			
		Schedule B Quantity						**31.10**			
		Now To be Paid Qty						**31.10**	**386.64**	**12026.05**	
Item No. 12		Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton and site engineer in incharge									
			Sqm								
		Vide Total executed Quantity from premeasurement Page no. 10						**21.96**			
		Schedule B Quantity						**21.96**			
		Now To be Paid Qty						**21.96**	**492.48**	**10814.86**	
Item No. 13		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons and site engineer in incharge									
			Sqm								
		Vide Total executed Quantity from premeasurement Page no. 11						**39.26**			
		Schedule B Quantity						**39.26**			
		Now To be Paid Qty						**39.26**	**315.36**	**12381.03**	
Item No. 14		Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications and site engineer in incharge									
			Sqm								
		Vide Total executed Quantity from premeasurement Page no. 12						**5.76**			
		Schedule B Quantity						**5.76**			
		Now To be Paid Qty						**5.76**	**815.40**	**4694.26**	

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MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No. 15		KSRB 4-6.11 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2, Pg No 17, Item No 4.38									
			Sqm								
		Vide Total executed Quantity from premeasurement Page no.						**2.76**			
		Schedule B Quantity						**2.76**			
		Now To be Paid Qty						**2.76**	**561.60**	**1548.33**	
Item No. 16		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs and site engineer in incharge									
			Sqm								
		Vide Total executed Quantity from premeasurement Page no.						**92.33**			
		Schedule B Quantity						**92.33**			
		Now To be Paid Qty						**92.33**	**432.00**	**39886.56**	
Item No. 17		Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications and site engineer in incharge									
			Cum								
		Vide Total executed Quantity from premeasurement Page no.						**21.87**			
		Schedule B Quantity						**21.87**			
		Now To be Paid Qty						**21.87**	**6276.96**	**137277.12**	

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MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed. concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications and directions of the Engineer in charge. (Ground Floor)									
Item No.18											
Measurements taken on		07-04-2022									
		Present Bill Measuement									
		Toilet block at jakkur									
		Columns upto Ground floor beam									
		Column	Cum	6	0.3	0.3	3.05	1.65			
		Lintels over main wall									
		Through									
		Longer span	Cum	2	9.15	0.2	0.15	0.55			
		Shorter Span	Cum	2	4.82	0.2	0.15	0.29			
			Cum	1	3.32	0.2	0.15	0.10			
		Lintels over partition wall									
			Cum	1	8.72	0.1	0.15	0.13			
			Cum	3	4.3	0.1	0.15	0.19			
		Total Executed Quantity						**2.91**			
		Schedule B Quantity						**2.91**			
		Now To be Paid Qty						**2.91**	**6276.96**	**18260.30**	

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MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No.19		Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted including vibrating, curing, etc for all super Structure works with all lead and Lift etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete with M-25 complete as per specifications and site engineer in incharge									
Measurements taken on		08-04-2022									
		Present Bill Measuement									
		Roof Slab	Cum	1	12	7.19	0.15	12.94			
		Beams									
		Longer Span	Cum	2	12	0.2	0.3	1.44			
		Shorter Span	Cum	3	4.82	0.2	0.3	0.87			
							Total Executed Quantity	**15.25**			
							Schedule B Quantity	**15.25**			
							Now To be Paid Qty	**15.25**	**5936.76**	**90533.22**	
Item No.20		Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and site engineer in incharge									
Measurements taken on		08-04-2022									
		Present Bill Measurement									
		Plinth Area	Cum	1	9.45	4.82	0.15	6.83			
		Below Tiles	Cum	1	10	2.4	0.1	2.4			
		Steps									
		Step 1	Cum	1	4.80	0.95	0.15	0.68			
		Step 2	Cum	1	4.80	0.66	0.15	0.48			
		Step 3	Cum	1	4.80	0.38	0.15	0.27			
		Deduction									
		Triangular Area	Cum	-1	6.25		0.15	-0.94			

9.72

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First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Step Area	Cum	-1	4.8	0.95	0.1	-0.46			
		Right side of	Cum	1	7.5	0.7	0.1	0.53			
		Left side of	Cum	1	5.3	1.1	0.1	0.58			
		Concrete	Cum	1	2.5	3.1	0.1	0.78			
			Cum	1	15.4	4.3	0.1	6.62			
							Total Executed Quantity	17.78			
							Schedule B Quantity	**17.78**			
							Now To be Paid Qty	**17.78**	**5754.24**	**102291.11**	
Item No.21		Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Pg No.18 Item No.4.46.2									
			Tonne								
		Vide Total executed Quantity from premeasurement Page no.						**5.60**			
							Schedule B Quantity	**5.60**			
							Now To be Paid Qty	**5.60**	**76643.28**	**429301.30**	
Item No.22		Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc.,complete as per specifications and site engineer in incharge									
Measurements taken on		07-02-2022									
		Wall									
		Long wall	Sqm	2	9.12		3.05	55.63			
		Short wall	Sqm	2	4.62		3.05	28.18			
			Sqm	1	3.07		3.05	9.36			
		Deduction									
		V	Sqm	-8	2.1		0.43	-7.22			
		D	Sqm	-2	0.9		2.1	-3.78			

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MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		V	Sqm	-8	2.1		0.43	-7.22			
		D	Sqm	-2	0.9		2.1	-3.78			
		D1	Sqm	-1	0.75		2.1	-1.58			
		W	Sqm	-1	1.1		0.75	-0.83			
							Total Executed Quantity	**79.77**			
							Schedule B Quantity	**79.77**			
							Now To be Paid Qty	**79.77**	**984.96**	**78573.71**	
Item No.23		Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications and site engineer in incharge									
Measurements taken on		11-04-2022									
		Ground Floor									
		Gents Toilet									
		Long Wall	Sqm	1	3.6		3.35	12.06			
		Short wall	Sqm	6	1.59		3.35	31.96			
			Sqm	1	1.62		3.35	5.43			
			Sqm	1	1.85		3.35	6.20			
		Ladies toilet									
		Long Wall	Sqm	1	4.72		3.35	15.81			
			Sqm	1	3.85		3.35	12.90			
		Short Wall	Sqm	2	1.44		3.35	9.65			
			Sqm	1	1.42		3.35	4.76			
			Sqm	2	1.43		3.35	9.58			
			Sqm	1	1.47		3.35	4.92			

113.27

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MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Deductions									
		D1	Sqm	-10	0.75		2.1	-15.75			
							Total Executed Quantity	**97.51**			
							Schedule B Quantity	**97.51**			
							Now To be Paid Qty	**97.51**	**875.88**	**85410.12**	
Item No.24		Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications and site engineer in incharge									
Measurements taken on		08-05-2022									
		First floor									
		Parapet									
		Long wall	Sqm	2	10.05		0.45	9.05			
		Short wall	Sqm	2	4.82		0.45	4.34			
							Total Executed Quantity	**13.38**			
							Schedule B Quantity	**13.38**			
							Now To be Paid Qty	**13.38**	**913.68**	**12227.78**	
Item No.25		Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and site engineer in incharge Ground Floor									
Measurements taken on		09-04-2022									
		Ground Floor									
		External Plastering									
		Long wall	Sqm	2	10.05		3.35	67.34			
		Short wall	Sqm	2	5.22		3.35	34.97			
		Deductions									
		D	Sqm	-2	0.9		2.1	-3.78			
		V	Sqm	-8	2.1		0.43	-7.22			

91.31

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First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate	Amount	Remarks
From	To								Rs	Rs	
		D1	Sqm	-1	0.75		2.1	-1.58			
		W	Sqm	-1	1.1		0.75	-0.83			
							Total Executed Quantity	88.91			
							Schedule B Quantity	**88.91**			
							Now To be Paid Qty	**88.91**	**281.88**	**25060.54**	
Item No.26		Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners, wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and site engineer in incharge First floor									
Measurements taken on											
		Parapet									
		Long wall	Sqm	4	10.05		0.45	18.09			
		Short wall	Sqm	4	4.82		0.45	8.68			
							Total Executed Quantity	**26.77**			
							Schedule B Quantity	**26.77**			
							Now To be Paid Qty	**26.77**	**294.84**	**7891.69**	
Item No.27		Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and site engineer in incharge									
Measurements taken on		04-04-2022									
		Internal Plastering									
		Gents Toilet									
		WC	Sqm	3	4.88		0.75	10.98			
		Bath	Sqm	1	5.44		0.75	4.08			
		Counter	Sqm	1	8.48		0.75	6.36			
		Urinials area	Sqm	1	4.82		0.75	3.62			
		Urinials area	Sqm	2	1.13		0.75	1.70			
			Sqm	1	1.59		0.75	1.19			
			Sqm	1	3.6		0.75	2.7			
			Sqm	1	1.62		0.75	1.22			
			Sqm	1	1.75		0.75	1.31			

33.16

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
			Sqm	2	1.6		0.75	2.4			
			Sqm	1	1.63		0.75	1.22			
		Ladies Toilet									
		WC	Sqm	1	5.34		0.75	4.01			
		Bath	Sqm	1	5.34		0.75	4.01			
			Sqm	2	1.7		0.75	2.55			
		WC	Sqm	1	5.14		0.75	3.86			
			Sqm	1	4.92		0.75	3.69			
			Sqm	2	4.9		0.75	7.35			
			Sqm	1	4.72		0.75	3.54			
			Sqm	1	3.85		0.75	2.89			
			Sqm	2	1.65		0.75	2.48			
		Deduction									
		D	Sqm	-2	0.9		2.1	-3.78			
		D1	Sqm	-9	0.75		2.1	-14.18			
		W	Sqm	-1	1.1		0.75	-0.83			
		V	Sqm	-8	2.1		0.4	-6.72			
							Total Executed Quantity	**45.63**			
							Schedule B Quantity	**45.63**			
							Now To be Paid Qty	**45.63**	**220.32**	**10053.20**	

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NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No.28		Providing 12mm thick cement plaster in single coat with cement mortar 1:4 . to ceiling including rounding off corners wherever required smooth rendering. : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and site engineer in incharge									
Measurements taken on											
		plastering	Sqm	2	4.72	4.82		45.50			
							Total Executed Quantity	**45.50**			
							Schedule B Quantity	**45.50**			
							Now To be Paid Qty	**45.50**	**243.00**	**11056.69**	
Item No.29		Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, incldng cost of materials, labour, curing complete as per specifications and site engineer in incharge									
Measurements taken on		20-04-2022									
		Rough plaster									
		Gents Toilet									
		WC	Sqm	3	4.88		2.32	33.96			
		Bath	Sqm	1	5.44		2.32	12.62			
		Counter	Sqm	1	8.48		2.32	19.67			
		Urinials area	Sqm	1	4.82		2.32	11.18			
		Urinials area	Sqm	2	1.13		2.32	5.24			
			Sqm	1	1.59		2.32	3.69			
			Sqm	1	3.6		2.32	8.35			
			Sqm	1	1.62		2.32	3.76			
			Sqm	1	1.75		2.32	4.06			
			Sqm	2	1.6		2.32	7.42			
			Sqm	1	1.63		2.32	3.78			
		Ladies Toilet									
		WC	Sqm	1	5.34		2.32	12.39			
		Bath	Sqm	1	5.34		2.32	12.39			
			Sqm	2	1.7		2.32	7.89			
		WC	Sqm	1	5.14		2.32	11.92			
			Sqm	1	4.92		2.32	11.41			

169.73

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NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
			Sqm	2	4.9		2.32	22.74			
			Sqm	1	4.72		2.32	10.95			
			Sqm	1	3.85		2.32	8.93			
			Sqm	3	1.65		2.32	7.66			
		Deductions									
		V	Sqm	-8	2.1		0.43	-7.22			
		D	Sqm	-2	0.9		2.1	-3.78			
		D1	Sqm	-9	0.75		2.1	-14.18			
		W	Sqm	-1	1.1		0.75	-0.83			
							Total Executed Quantity	**194.02**			
							Schedule B Quantity	**194.02**			
							Now To be Paid Qty	**194.02**	**238.68**	**46309.84**	
Item No.30		Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll mateerial cost of labour and scaffolding etc. complete as per specifications and site engineer in incharge									
Measurements taken on		30-04-2022									
		Internal									
		Gents Toilet									
		WC	Sqm	3	4.88		0.75	10.98			
		Bath	Sqm	1	5.44		0.75	4.08			
		Counter	Sqm	1	8.48		0.75	6.36			
		Urinials area	Sqm	1	4.82		0.75	3.62			
		Urinials area	Sqm	2	1.13		0.75	1.70			
			Sqm	1	1.59		0.75	1.19			
			Sqm	1	3.6		0.75	2.70			
			Sqm	1	1.62		0.75	1.22			
			Sqm	1	1.75		0.75	1.31			
			Sqm	2	1.6		0.75	2.40			
			Sqm	1	1.63		0.75	1.22			
		Ladies Toilet									
		WC	Sqm	1	5.34		0.75	4.01			
		Bath	Sqm	1	5.34		0.75	4.01			
			Sqm	2	1.7		0.75	2.55			

169.73

47.35

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NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate	Amount	Remarks
From	To								Rs	Rs	
		WC	Sqm	1	5.14		0.75	3.86			
			Sqm	1	4.92		0.75	3.69			
			Sqm	2	4.9		0.75	7.35			
			Sqm	1	4.72		0.75	3.54			
			Sqm	1	3.85		0.75	2.89			
			Sqm	2	1.65		0.75	2.48			
		Deduction									
		D	Sqm	-2	0.9		2.1	-3.78			
		D1	Sqm	-9	0.75		2.1	-14.18			
		W	Sqm	-1	1.1		0.75	-0.83			
		V	Sqm	-8	2.1		0.4	-6.72			
		Ceiling plastering	Sqm	2	4.72	4.82		45.50			
							Total Executed Quantity	**91.13**			
							Schedule B Quantity	**91.13**			
							Now To be Paid Qty	**91.13**	**84.24**	**7676.86**	
Item No.31		Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and site engineer in incharge									
Measurements taken on		31-05-2022									
		Ceiling plastering	Sqm	2	4.72	4.82		45.50			
							Total Executed Quantity	**45.50**			
							Schedule B Quantity	**45.50**			
							Now To be Paid Qty	**45.50**	**97.20**	**4422.68**	

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NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No.32		Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains. complete as per specifications and site engineer in incharge									
Measurements taken on		30-05-2022									
		External painting									
		Ground Floor						115.67			
		Long wall	Sqm	2	10.05		3.35	67.34			
		Short wall	Sqm	2	5.22		3.35	34.97			
		Deductions									
		D	Sqm	-2	0.9		2.1	-3.78			
		V	Sqm	-8	2.1		0.45	-7.22			
		D1	Sqm	-1	0.75		2.1	-1.58			
		W	Sqm	-1	1.1		0.75	-0.83			
							Total Executed Quantity	**88.91**			
							Schedule B Quantity	**88.91**			
							Now To be Paid Qty	**88.91**	**367.20**	**32645.92**	
Item No.33		Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and site engineer in incharge First floor									
Measurements taken on											
		Parapet									
		Long wall	Sqm	4	10.05		0.45	18.09			
		Short wall	Sqm	4	4.82		0.45	8.68			
							Total Executed Quantity	**26.77**			
							Schedule B Quantity	**26.77**			
							Now To be Paid Qty	**26.77**	**281.88**	**7544.80**	

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MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No.34		Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications and site engineer in incharge									
Measurements taken on											
			Sqm								
		Vide Total executed Quantity from premeasurement Page no. 17						**39.26**			
		Schedule B Quantity						**39.26**			
		Now To be Paid Qty						**39.26**	**681.48**	**26755.11**	
Item No.35		Providing Ceramic tiles of size 30x30cms 6mm thick of approved make ,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications and site engineer in incharge									
Measurements taken on		12-05-2022									
		Ceramic tiles									
		Gents (W C)	Sqm	3	1.44	1		4.32			
		Gents bath	Sqm	1	1.42	1.3		1.85			
		Counter	Sqm	1	2.82	1.7		4.79			
		Ladies WC	Sqm	1	1.44	1.13		1.63			
			Sqm	1	1.44	1.02		1.47			
			Sqm	2	1.42	1.03		2.93			
		Gents urinals	Sqm	1	4.82	1.13		5.45			
		Gents toillet passage	Sqm	1	3.6	1.63		5.87			
		Ladies toilet passage	Sqm	1	4.72	1.65		7.79			

12/05/2022

36.10

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MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Entrance	Sqm	1	1.7	0.87		1.48			
			Sqm	1	1.75	0.97		1.70			
							Total Executed Quantity	**39.26**			
							Schedule B Quantity	**39.26**			
							Now To be Paid Qty	**39.26**	**1306.80**	**51305.36**	
Item No.36		Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications and site engineer in incharge									
Measurements taken on		13-05-2022									
		Wall Cladding									
		Ladies Toilet									
			Sqm	1	4.66		2.32	10.81			
			Sqm	1	1.55		2.32	3.60			
			Sqm	1	4.53		2.32	10.51			
			Sqm	1	4.42		2.32	10.25			
			Sqm	1	4.72		2.32	10.95			
			Sqm	1	4.86		2.32	11.28			
			Sqm	1	1.63		2.32	3.78			
			Sqm	2	4.72		2.32	21.90			
		Gents Toilet									
			Sqm	1	4.42		2.32	10.3			
			Sqm	1	4.45		2.32	10.3			
			Sqm	1	4.54		2.32	10.5			
			Sqm	1	5.03		2.32	11.7			
			Sqm	1	3.6		2.32	8.35			
			Sqm	1	1.62		2.32	3.76			
			Sqm	1	1.59		2.32	3.69			
			Sqm	1	1.6		2.32	3.71			
			Sqm	2	1.13		2.32	5.24			
			Sqm	1	4.2		2.32	9.74			

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MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Deduction									
		Triangular Area	Sqm	-1			6.25	-6.25			
					Triangular area=0.5*10*1.25=6.25						
							Total Executed Quantity	**16.91**			
							Schedule B Quantity	**16.91**			
							Now To be Paid Qty	**16.91**	**1330.56**	**22503.76**	
Item No.38		Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM). U.V-stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0 mm. The doorframe consists of four segmens, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement of 6 locations fro high screw holding capacity for fixing metallic hold fast and shall be consolidated by filling with medium density foam/Plaster with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat hold fast shall be provided with the frame complete as per specifications and site engineer in incharge									
Measurements taken on		17-05-2022									
		D1	m	10	5.70			57.00			
							Total Executed Quantity	**57.00**			
							Schedule B Quantity	**57.00**			
							Now To be Paid Qty	**57.00**	**486.00**	**27702.00**	

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